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TITLE : METHOD FOR PURIFYING MOLTEN SALT

ABSTRACT : PURPOSE: To efficiently remove impurity ions and to enable the stable use of an inorg. adsorbing material over a long period of time, by contacting molten salt held to high temp. with an alumina inorg. adsorbing material containing 90wt% of an  $\text{Al}_2\text{O}_3$  component.

CONSTITUTION: An inorg. adsorbing material containing 90wt% or more of  $\text{Al}_2\text{O}_3$  is contacted with molten salt held to high temp. for a definite time by immersion and the impurity ions contained in the molten salt are removed in a state adsorbed by the adsorbing material. The aforementioned adsorbing material requires properties such that adsorbing capacity to the impurity ions contained in the molten salt is high and the chemical stability to the molten salt is large and high temp. stability is high. Consequently, one having a specific surface area of  $100\text{m}^2/\text{g}$  or more is pref. and an alumina inorg. adsorbing material of which the peak of the pore radius is  $60\text{\AA}$  or less in a pore distribution curve is especially pref.

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